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SOVIET PLANTS SUPPLY TRANSFORMERS, GENERATORS,
 ELECTRICAL EQUIPMENT TO CONSTRUCTION PROJECTS

MOSCOW PLANT DESIGNS, SHIPS NEW TRANSFORMERS -- Moscow, Vechernyaya Moskva,
 27 Oct 51

A new electric machine made by the Moscow Transformer Plant occupies six
 railroad cars.

Moscow, Moskovskaya Pravda, 28 Nov 51

The Moscow Transformer Plant shipped a new order ahead of schedule to the
 Volga-Don Canal project. A powerful transformer was sent to the Tsimlyanskaya
 hydroelectric project.

Over 1,000 powerful units produced by the plant are in efficient opera-
 tion at the construction sites of the Kuybyshev, Stalingrad, and Kakhovka GES.

The plant is working on problems connected with the powerful units which
 will be used on the Kuybyshev-Moscow electric power transmission line.

Moscow, Vechernyaya Moskva, 22 Dec 51

In 1951, the Moscow Transformer Plant shipped about 1,300 transformers,
 including 86 high-power transformers, to the Stalingrad and Kuybyshev hydro-
 electric and the Volga-Don Canal projects.

Engineers of the plant's Technical Division designed five new transform-
 ers with reduced weights, which permitted the plant to save 250 tons of ma-
 terial in a year. Some of the new transformers have already been installed in
 one of the country's electric power stations.

- 1 -

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Powerful high-voltage transformers for the Dnepr-Donbass electric power transmission line have also been designed and produced. One of them replaced two of the former type. Up to 450 tons of material were saved in a year.

All orders for the great construction projects were completed by 7 November.

Moscow, Moskovskaya Pravda, 28 Dec 51

Yesterday the Moscow Transformer Plant completed ahead of schedule a powerful high-voltage transformer meant for the Tsimlyanskaya Hydroelectric Center.

This is the 79th powerful transformer produced by the plant for the construction projects, in addition to more than 1,000 transformers of various capacities produced this year.

The plant is working on still another powerful high-voltage transformer for the Volga-Don Canal project.

Yerevan, Kommunist, 11 Jan 52

The Moscow Transformer Plant has just delivered two huge transformers to the Stalingrad GES.

During the first week in 1952 the plant sent ten powerful transformers to the Tsimlyanskaya hydroelectric project.

YEREVAN PLANT SENDS TRANSFORMERS TO HYDROELECTRIC PROJECTS -- Moscow, Pravda, 21 Nov 51

Today, the Yerevan Electrical Machine Building Plant sent the third consignment of transformers this month to the Kuybyshev hydroelectric project.

Yerevan, Kommunist, 2 Nov 51

The Yerevan Electrical Machine Building Plant has organized the production of four new types of power transformers with capacities of 50 to 560 kilovolt-amperes, to be completed in 2-3 months. Recently, the plant received an order for 20 transformers from the Volga-Don Canal project.

Yerevan, Kommunist, 25 Nov 51

Shops of the Yerevan Electrical Machine Building Plant have supplied the construction projects with a great many powerful transformers. All orders filled in 1951 were ahead of schedule.

The plant recently received telegrams from the Volga-Don Canal and Kuybyshev hydroelectric projects requesting new shipments of electrical machinery.

Yerevan, Kommunist, 28 Dec 51

In 1951, the Yerevan Electrical Machine Building Plant sent 146 high-quality power transformers to the Volga-Don Canal project and to the Tsimlyanskaya Hydroelectric Center. The transformers ranged from 20 to 560 kilovolt-amperes.

- 2 -

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50X1-HUM

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The Volga-Don Canal project received 96 kilometers of wire ahead of schedule from the Yerevan Cable Plant, and 100 welding transformers from the Yerevan Electrical Repair Plant.

LENINGRAD ELEKTROSILA PRODUCES LARGE TURBOGENERATOR -- Moscow, Moskovskaya Pravda, 17 Nov 51

The Leningrad Elektrosila Plant imeni S. M. Kirov is producing a 150,000 kilowatt turbogenerator, the largest ever to be built in the world. It will work in an assembly with a turbine produced by the Leningrad Metal Plant imeni Stalin.

The heaviest component of the assembly, its stator, weighs 210 tons. The forging is already completed for the next heaviest component, the rotor; it is made of alloyed steel and weighs 60 tons.

STEPS UP PRODUCTION OF HYDROGENERATORS -- Moscow, Pravda, 30 Dec 51

Three powerful hydrogenerators for the Tsimlyanskaya GES were produced by the Leningrad Elektrosila Plant in 1951 in record time. Whereas recently it took 4 to 5 months to produce such a machine, it required only one month and 18 days to complete the third Tsimlyanskaya hydrogenerator.

The plant is building enormous hydrogenerators for the Kuybyshev GES. One of these is 1.5 times as large and heavy as any electric machine yet produced in this country.

The plant is working on a 150,000 kilowatt turbogenerator with hydrogen cooling. The builders were able to design the machine so that it hardly differs in bulk from 100,000 kilowatt turbogenerators.

PLANT RECORD FOR 1951 -- Leningradskaya Pravda, 4 Jan 52

The Leningrad Elektrosila Plant in 1951 organized the production of over 50 types of new electrical machines and apparatus.

PLANS SERIES PRODUCTION OF NEW INSULATORS -- Moscow, Moskovskaya Pravda, 26 Dec 51

The Moscow Izolyator Plant has already been working almost a month on its 1952 program. Its 1951 program was completed on 29 November.

The plant has produced samples of lead-in insulators for the superpowerful transformers which will be made by the Moscow Transformer Plant. Each such insulator weighs several tons and is 7 meters high. They are for the Kuybyshev and Stalingrad GES, and will soon be in series production.

PRODUCES NEW ELECTRIC WELDING APPARATUS -- Riga, Sovetskaya Latvya, 5 Oct 51

The Novo-Utkinsk Plant of the Ministry of Electrical Industry has organized the production of new electric welding apparatus. Four of them have been shipped to the Volga-Don Canal project.

- 3 -

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50X1-HUM

SENDS ELECTRICAL EQUIPMENT TO VOLGA-DON CANAL PROJECT -- Riga, Sovetskaya Latvija, 5 Oct 51

The Alma-Ata Electrical Engineering Plant today shipped 278 sets of selector equipment to the Volga-Don Canal project. The order was filled considerably ahead of time.

EXCEEDS PRODUCTION AIMS -- Yerevan, Kommunist, 3 Nov 51

The Yerevan Electric Light Fixtures Plant of the Ministry of Local Industry Armenian SSR, has pledged completion of its 1951 plan in all indexes before 7 November.

Production has increased 183 percent over the corresponding period of 1950. From the beginning of 1951 the plant has saved 512,000 rubles. Production of first-class goods was raised to 94.6 percent instead of the planned 81.5 percent.

In 9 months, the plant shipped 2,613 units of various electrical fixtures to the South Ukrainian Canal project and 1,830 to the Volga-Don Canal project.

COMPLETES LAST UNIT FOR TSIMLYANSKAYA PROJECT -- Moscow, Trud, 1 Nov 51

Yesterday the Moscow Dinamo Plant completed construction of the last automatic unit for the Tsimlyanskaya Hydroelectric project. The plant completely equipped 15 locks of the Volga-Don Canal project.

In the exceptionally short time of 9 months, the plant also produced an automatic control panel for the Tsimlyanskaya fish elevator.

The plant produces specialized machines. The 100-ton steel gates of the locks respond instantly when a lever is moved in the control board.

COMPLETES 1951 ORDERS FOR VOLGA-DON CANAL PROJECT -- Moscow, Moskovskaya Pravda, 25 Nov 51

The Moscow Dinamo Plant by 31 October had completed its 1951 plan for shipping electrical equipment to the locks of the Volga-Don Canal project. It has also shipped a series of units ahead of time to the Tsimlyanskaya reservoir.

In 1951, the plant organized the production of high-speed motors to equip elevators for tall buildings. Electrical equipment was produced for 12-ton electric cars used by miners.

For its successful work in the third quarter, the plant was awarded the Transferable Red Banner by the Council of Ministers USSR. The plant also won first place in the socialist competition conducted by enterprises of the electrical industry and has pledged early completion of the 1951 plan in all production indexes.

SURPASSES 1950 PRODUCTION BY 30 PERCENT -- Leningradskaya Pravda, 14 Dec 51

The Vol'ta Electrical Machine Building Plant has produced 30 percent more electric motors than it did in 1950. It has filled 23 orders for the Stalin-grad and Kuybyshev GES and other great construction projects.

- 4 -

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50X1-HUM

Moscow, Pravda, 14 Dec 51

The Vol'ta Electrical Machine Building Plant completed its 1951 program in commodity production ahead of schedule. The plant has promised to produce millions of rubles worth of above-plan production by the end of 1951. Since 1 January 1951 the plant has filled ahead of time 21 orders for the great construction projects.

DESIGN SWITCHES, COMPLETE MOTOR -- Kishinev, Sovetskaya Moldaviya, 15 Dec 51

At the request of the Volga hydroelectric stations, engineers of the Sverdlovsk Uralelektroapparat Plant have designed a new oil disconnecting switch for long-distance power transmission lines. The new apparatus, in spite of its enormous power capacity, is considerably smaller and lighter than existing disconnecting switches.

Baku, Bakinskiy Rabochiy, 6 Jan 52

The Sverdlovsk Uralelektroapparat Plant is completing the assembly of a vertical motor for a pump station at the Volga-Don Canal project.

PRODUCES HIGH-VOLTAGE EQUIPMENT -- Tashkent, Pravda Vostoka, 20 Dec 51

The Leningrad Elektroapparat Plant today dispatched a large shipment of high-voltage equipment to the Kuybyshev GES. In 1951, the plant shipped ahead of time more than 1,000 units of high-voltage equipment to the Stalingrad and Kuybyshev GES and the Volga-Don Canal projects.

At present, the plant is working on unique high-voltage equipment for the electric power transmission line from the Volga hydroelectric stations to the Moscow area.

The assembly of the first commercial model of a current disconnecting switch has been completed. The original design of the individual parts of the apparatus guarantees operation under the most difficult conditions, e.g., during thunderstorms, or when the apparatus is encrusted with 20 millimeters of ice.

VOLGA-DON CANAL PROJECT ORDERS EQUIPMENT -- Moscow, Vechernyaya Moskva, 8 Jan 52

The Ul'yanovsk Plant of the Main Administration of the Electric Machine Industry has received an order from the Volga-Don Canal project for a shipment of automatic electrical devices and relays.

FILLS ORDER FOR MAIN TURKMEN CANAL PROJECT -- Minsk, Spravchaya Belorussiya, 15 Jan 52

The Shtamp Artel is filling an order recently received from the Main Turkmen Canal project and has already sent 136,208 items of high-quality light fixtures to the great construction projects.

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- 5 -

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